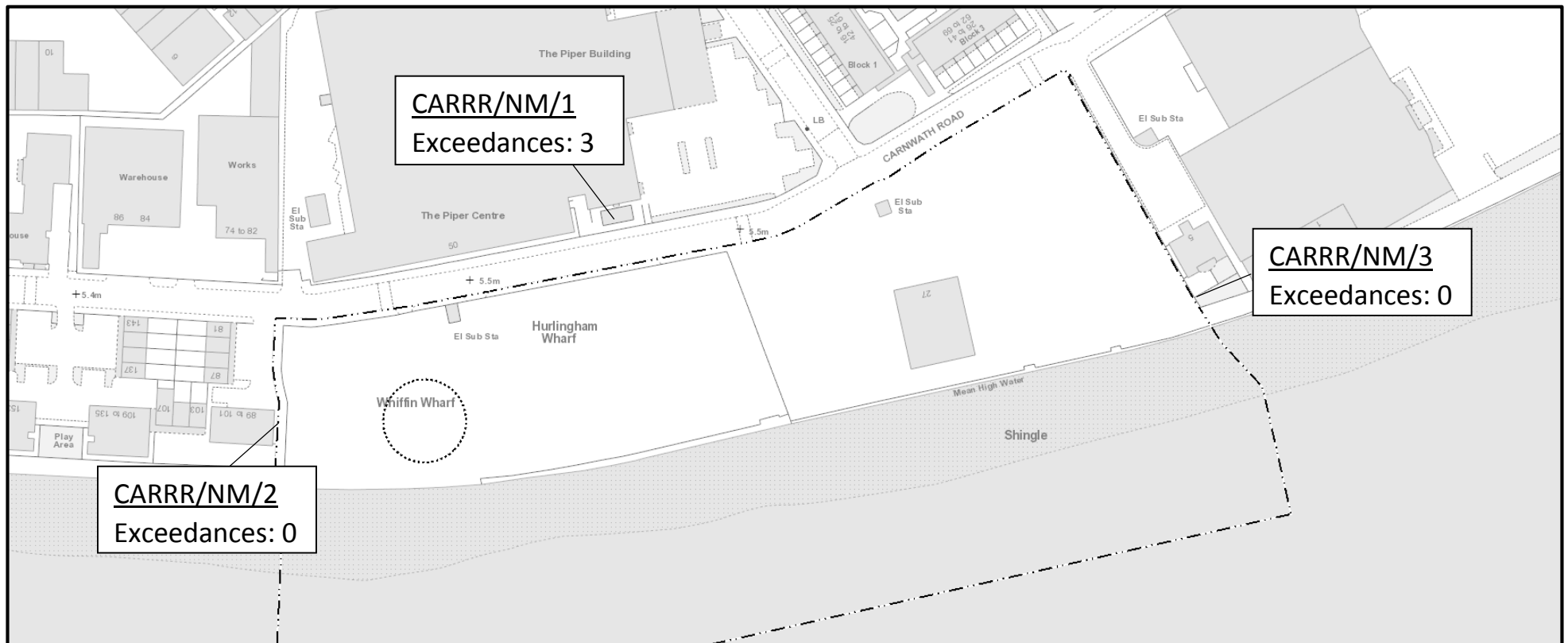


MONTHLY NOISE MONITORING REPORT CARNWATH ROAD RIVERSIDE (CARRR) SEPTEMBER 2018



Works being carried out included continued shaft construction, site set up concrete slab preparation, RW strengthening. Depressurisation wells, conveyor construction preparation and slab construction. Concrete base plug pour and preparation for tunnelling including front and back shunts.

Table 1 North Monitor – CARRR/NMS/01

Day	Time	Averaging period	L _{Aeq,T} dB	L _{Amax} , dB
Monday to Friday	7am-8am	1 hour	69	94
	8am-6pm	10 hour	69	-
	6pm-7pm	1 hour	65	87
	7pm-10pm	1 hour	65	87
	Typical hourly level (day)	Mode	68	-
Saturday	7am-8am	1 hour	67	91
	8am-1pm	5 hour	68	-
	1pm-2pm	1 hour	67	88
	2pm-10pm	1 hour	66	87
	Typical hourly level (Saturday)	Mode	68	-
Sunday	7am-10 pm	1 hour	66	85
	Typical hourly level (Sunday)	Mode	67	-
All days	10pm-7am	1 hour	59	80
	Typical hourly level (night)	Mode	59	-

* Denotes a range featuring two or more modal values where mean average has been used instead

** Denotes a range in which all values are unique where mean average has been used instead

Table 2 West Monitor – CARRR/NMS/02

Day	Time	Averaging period	L _{Aeq,T} dB	L _{Amax} , dB
Monday to Friday	7am-8am	1 hour	61	79
	8am-6pm	10 hour	65	-
	6pm-7pm	1 hour	60	76
	7pm-10pm	1 hour	60	76
	Typical hourly level (day)	Mode	63	-
Saturday	7am-8am	1 hour	61	78
	8am-1pm	5 hour	62	-
	1pm-2pm	1 hour	62	80
	2pm-10pm	1 hour	60	75
	Typical hourly level (Saturday)	Mode	63	-
Sunday	7am-10 pm	1 hour	61	78
	Typical hourly level (Sunday)	Mode	61	-
All days	10pm-7am	1 hour	58	69
	Typical hourly level (night)	Mode	57	-

* Denotes a range featuring two or more modal values where mean average has been used instead

** Denotes a range in which all values are unique where mean average has been used instead

Table 3 East Monitor – CARRR/NMS/03

Day	Time	Averaging period	L _{Aeq,T} dB	L _{Amax} , dB
Monday to Friday	7am-8am	1 hour	58	77
	8am-6pm	10 hour	62	-
	6pm-7pm	1 hour	56	75
	7pm-10pm	1 hour	56	75
	Typical hourly level (day)	Mode	61	-
Saturday	7am-8am	1 hour	58	75
	8am-1pm	5 hour	61	-
	1pm-2pm	1 hour	58	76
	2pm-10pm	1 hour	57	74
	Typical hourly level (Saturday)	Mode	61	-
Sunday	7am-10 pm	1 hour	57	76
	Typical hourly level (Sunday)	Mode	56	-
All days	10pm-7am	1 hour	50	66
	Typical hourly level (night)	Mode	50	-

* Denotes a range featuring two or more modal values where mean average has been used instead

** Denotes a range in which all values are unique where mean average has been used instead